

Amended Claims With Mark-ups to Show Changes Made

1. (Amended) An image projector comprising:
 - a lamp for emitting beams of lights, wherein the lamp includes an elliptical reflector that focuses beams of light onto a surface in front of the lamp;
 - a color wheel for splitting particular color beams in succession from the beams of lights;
 - a rod lens for making distribution of the color beams from the color wheel uniform, wherein the rod lens has an optical input surface with an area greater than an optical output surface;
 - a polarized beam converter for converting the color beams into beams of a particular pole;
 - an optical system for focusing the color beams converted into beams of a particular pole;
 - a reflection-type display for producing a picture beam of a video signal according to the video signal by using the color beams from the optical system;
 - a polarization beam sprite prism between the optical system and the display for reflecting the color beams from the optical system and transmitting the picture beams from the display; and,
 - a projection lens for enlarging, and projecting the picture beams.

6. (Amended) An image projector as claimed in claim 1, wherein the rod lens [has] is tapered from an optical input surface [with an area equal] to[, or greater than] an optical output surface [thereof].

7. (Amended) An image projector as claimed in claim 1, wherein the polarized beam converter includes[:];

at least one illumination lens for receiving the color beams from the rod lens and focusing onto a plurality of beam focusing points, and

a polarization beam sprite array for converting the color beams into beams of a particular pole.

13. (Amended) An image projector as claimed in claim 1, further comprising:

a $1/4$ wavelength plate between the polarization beam sprite prism and the display [for preventing a component of polarized beams transmitted through the polarization beam sprite prism from being distorted];

a polarizing plate between the polarization beam sprite prism and $1/4$ wavelength plate; and

a $1/2$ wavelength plate between the polarizing plate and the $1/4$ wavelength plate.

15. (Amended) An image projector comprising:

a lamp for emitting beams of lights, wherein the lamp includes an elliptical reflector that focuses beams of light onto a surface in front of the lamp;

a color wheel for splitting particular color beams in succession from the beams of lights;

a rod lens for making distribution of the color beams from the color wheel uniform, wherein the rod lens has an optical input surface with an area greater than an optical output surface;

a polarized beam converter for converting the color beams into beams of a particular pole;

an optical system for focusing the color beams converted into beams of a particular pole;

a transmission-type display for producing a picture beam of a video signal according to the video signal by using the color beams from the optical system; and, a projection lens for enlarging, and projecting the picture beams.

17. (Amended) An image projector as claimed in claim [16] 15, wherein the display includes polarizing plates fitted in front and rear of the display.